

Application Serial No. 09/694,675  
Amendment dated March 19, 2004  
Reply to Office action of January 2, 2004

#### REMARKS

Claims 1 and 3 through 26 are pending in this application. Claims 1, 3, and 5 are amended herein. Claims 21 through 26 are added herein. Claim 2 is cancelled herein. Support for the amendments to the claims may be found in the claims as originally filed. In particular, claim 1 has been amended to include substantially the recitation of former claim 2, and claims 3 and 5 have each been amended to include substantially the recitation of claim 1. New claims 21-23 and 24-26 include substantially the recitation of claims 6, 8, and 9. Reconsideration is requested based on the foregoing amendment and the following remarks.

#### Objection to the Drawings:

The box marked "The drawings filed on 24 October 2000 are objected to by the Examiner" is checked on the Form PTOL-326 attached to the Office action, but no specific objections are cited in the Detailed Action itself. Withdrawal of the objections are earnestly solicited.

#### Claim Rejections - 35 U.S.C. § 103:

Claims 1, 6, 8, and 9 were rejected under 35 U.S.C. § 103 as being unpatentable over Shimozawa et al., "A Monolithic Even Harmonic Quadrature Mixer Using a Balance Type 90 Degree Phase Shifter for Direct Conversion Receivers" in view of Stikvoort, US 6,236,847. Claim 1 has consequently been amended to include substantially the recitation of former claim 2, which was indicated in the Office action to be allowable. Claim 1 is thus submitted to be allowable. Withdrawal of the rejection of claim 1 is earnestly solicited.

Claims 6, 8 and 9 depend from claim 1 and add additional distinguishing elements. Claims 6, 8 and 9 are thus also submitted to be allowable. Withdrawal of the rejection of claims 6, 8 and 9 is earnestly solicited.

Claim 1 was rejected under 35 U.S.C. § 103 as being unpatentable over Bockelman et al., US 6,118,322 in view of Ranky, US 5,072,200. Ranky does not appear to be listed on the Form PTO-892 included with the Office action even though it was considered, apparently. The Applicants request respectfully that Ranky be listed on a Form PTO-892 included with the next communication from the Office.

Claim 1 has been amended to include substantially the recitation of former claim 2, which was indicated in the Office action to be allowable. Claim 1 is submitted to be allowable.

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Withdrawal of the rejection of claim 1 is earnestly solicited.

Allowable Subject Matter:

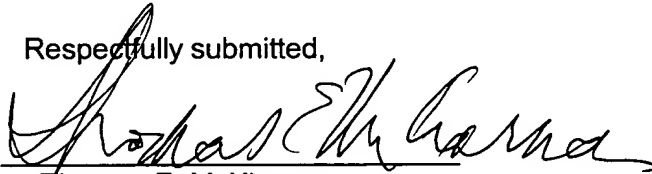
The Applicant acknowledges with appreciation the indication that claims 2 through 5 and 7 contain allowable subject matter, and the allowance of claims 10 through 20. Claim 1 has been amended to include substantially the recitation of former claim 2, and claims 3 and 5 have each been amended to include substantially the recitation of claim 1. New claims 21-23 and 24-26 include substantially the recitation of claims 6, 8, and 9, and depend from claim 3 and claim 5, respectively.

Conclusion:

Accordingly, in view of the reasons given above, it is submitted that all claims 1 and 3 through 26 are allowable over the cited references. Allowance of all claims 1 and 3 through 26 and of this entire application are therefore respectfully requested.

Respectfully submitted,

By



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Attachments  
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